

INTERNATIONAL SEARCH REPORT

International Application No PCT/EP 03/11044

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01N30/00 G01N25/14 G01N30/52 G01N33/44
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
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WPI Data, EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	SOARES J B P ET AL: "Temperature rising elution fractionation of linear polyolefins" POLYMER, ELSEVIER SCIENCE PUBLISHERS B.V., GB, vol. 36, no. 8, 1995, pages 1639-1654, XP004025859 ISSN: 0032-3861 page 1641, right-hand column, paragraph 4; figures 15,16	1,3,5-21
A	page 1648 -page 1649; tables 3,4	2,4
Y	US 3 492 794 A (PETERSEN GEORGE E ET AL) 3 February 1970 (1970-02-03) column 3, line 32-39	1,5-10
A	---	2,4
	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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26 January 2004	04/02/2004
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3 225 520 A (BUROW FRANK H) 28 December 1965 (1965-12-28) column 4, line 47 -column 5, line 17 ----	1,3,5
Y	US 4 798 081 A (HAZLITT LONNIE G ET AL) 17 January 1989 (1989-01-17) cited in the application column 12, line 56-62 ----	9-16
Y	WANG C ET AL: "Microstructures of a highly short-chain branched polyethylene" POLYMER, ELSEVIER SCIENCE PUBLISHERS B.V, GB, vol. 42, no. 4, February 2001 (2001-02), pages 1733-1741, XP004219091 ISSN: 0032-3861 page 1734, paragraph EXPERIMENTAL -----	17-21

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Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 3492794 A	03-02-1970	NONE	
US 3225520 A	28-12-1965	NONE	
US 4798081 A	17-01-1989	GB 2184368 A	24-06-1987